L Number	Hits	Search Text	DB	Time stamp
35	95	(causing or cause or caused or causal or	USPAT;	2004/04/30
		causation) near5 event same (trunk or	US PGPUB;	17:36
		bottleneck or point near3 failure)	EPO; JPO;	
			IBM_TDB	
36	63	((causing or cause or caused or causal or	USPAT;	2004/04/30
		causation) near5 event same (trunk or	US-PGPUB;	17:36
		bottleneck or point near3 failure)) and	EPO; JPO;	
		network	IBM_TDB	
37	19	(((causing or cause or caused or causal or	USPAT;	2004/04/30
		causation) near5 event same (trunk or	US-PGPUB;	17:36
		bottleneck or point near3 failure)) and	EPO; JPO;	
		network) and (709/\$.ccls. or 370/\$.ccls.)	IBM_TDB	
-	43948	network near3 (manag\$5 or monitor\$4)	USPAT;	2004/04/30
		-	US-PGPUB;	15:11
			EPO; JPO;	
			IBM_TDB	
•	46209	(detect\$3 or identify\$4 or identification or	USPAT;	2004/04/30
		identified) near5 event	US-PGPUB;	15:37
			EPO; JPO;	
			IBM_TDB	
-	57954	topology	USPAT;	2004/04/30
			US-PGPUB;	15:13
			EPO; JPO;	
			IBM_TDB	
-	902	(network near3 (manag\$5 or monitor\$4)) and	USPAT;	2004/04/30
		((detect\$3 or identify\$4 or identification or	US PGPUB;	15:13
		identified) near5 event) and topology	EPO; JPO;	
			IBM_TDB	
•	237322	(break\$3 or broken or fail or failed or failing	USPAT;	2004/04/30
		or failure) with (node or element or device)	US-PGPUB;	15:14
			EPO; JPO;	
			IBM_TDB	
-	243432	(break\$3 or broken or fail or failed or failing	USPAT;	2004/04/30
		or failure or inaccessible or unavailable)	US-PGPUB;	15:15
		with (node or element or device)	EPO; JPO;	
		·	IBM_TDB	
•	430	((network near3 (manag\$5 or monitor\$4))	USPAT;	2004/04/30
		and ((detect\$3 or identify\$4 or identification	US-PGPUB;	15:15
		or identified) near5 event) and topology) and	EPO; JPO;	
		((break\$3 or broken or fail or failed or failing	IBM_TDB	
		or failure or inaccessible or unavailable)		
		with (node or element or device))		
-	29557	(fewest or shortest or closest or nearest)	USPAT;	2004/04/30
		near5 (path or route or node or link or	US-PGPUB;	15:17
		element or device)	EPO; JPO;	
			IBM_TDB	
-	774	hop adj count	USPAT;	2004/04/30
		-	US-PGPUB;	15:17
			EPO; JPO;	
			IBM_TDB	

	66	(((network near3 (manag\$5 or monitor\$4))	USPAT;	2004/04/30
-		and ((detect\$3 or identify\$4 or identification	US-PGPUB;	15:17
		or identified) near5 event) and topology) and	EPO; JPO;	10117
		((break\$3 or broken or fail or failed or failing	IBM_TDB	
		'''	IBM_IDB	
		or failure or inaccessible or unavailable)		
		with (node or element or device))) and		
		(((fewest or shortest or closest or nearest)		
		near5 (path or route or node or link or		
		element or device)) or (hop adj count))		
•	37517	(fewest or shortest or closest or nearest or	USPAT;	2004/04/30
		smallest) near5 (path or route or node or	US-PGPUB;	15:18
		link or element or device)	EPO; JPO;	
			IBM_TDB	
-	91	(((network near3 (manag\$5 or monitor\$4))	USPAT;	2004/04/30
		and ((detect\$3 or identify\$4 or identification	US-PGPUB;	15:20
		or identified) near5 event) and topology) and	EPO; JPO;	
		((break\$3 or broken or fail or failed or failing	IBM_TDB	
		or failure or inaccessible or unavailable)		
		with (node or element or device))) and		
		(((fewest or shortest or closest or nearest or		
		smallest) near5 (path or route or node or		
		link or element or device)) or (hop adj		
	•	count))		
_	47	((((network near3 (manag\$5 or monitor\$4))	USPAT;	2004/04/30
_		and ((detect\$3 or identify\$4 or identification	US-PGPUB;	15:41
		or identified) near5 event) and topology) and	EPO; JPO;	10171
		((break\$3 or broken or fail or failed or failing	IBM_TDB	
		or failure or inaccessible or unavailable)	15111_155	
		with (node or element or device))) and		
		(((fewest or shortest or closest or nearest or		
		'''		
		smallest) near5 (path or route or node or		•
		link or element or device)) or (hop adj		
		count))) and (@ad<20001017 or		
		@prad<20001017)		0004/04/00
•	55696	(detect\$3 or identify\$4 or identification or	USPAT;	2004/04/30
		identified) near5 (event or (break\$3 or	US-PGPUB;	15:38
		broken or fail or failed or failing or failure or	EPO; JPO;	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))		
-	154191	(cause or caused or causing) near5 (failure	USPAT;	2004/04/30
		or failed or fail or break or broken or fault or	US-PGPUB;	15:39
		event)	EPO; JPO;	
			IBM_TDB	
-	3509	((detect\$3 or identify\$4 or identification or	USPAT;	2004/04/30
		identified) near5 (event or (break\$3 or	US-PGPUB;	15:39
		broken or fail or failed or failing or failure or	EPO; JPO;	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))) same ((cause or caused		
		or causing) near5 (failure or failed or fail or		
		break or broken or fault or event))		

	431	(((detect\$3 or identify\$4 or identification or	USPAT;	2004/04/30
-	431	identified) near5 (event or (break\$3 or	US-PGPUB;	15:40
		· · · · · · · · · · · · · · · · · · ·	EPO; JPO;	15.40
		broken or fail or failed or failing or failure or	1 .	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))) same ((cause or caused		
		or causing) near5 (failure or failed or fail or		
		break or broken or fault or event))) and		
		(network near3 (manag\$5 or monitor\$4))		
-	447	(((detect\$3 or identify\$4 or identification or	USPAT;	2004/04/30
		identified) near5 (event or (break\$3 or	US-PGPUB;	15:40
		broken or fail or failed or failing or failure or	EPO; JPO;	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))) same ((cause or caused		
		or causing) near5 (failure or failed or fail or		
	1	break or broken or fault or event))) and		
		((network near3 (manag\$5 or monitor\$4)) or		
		709/224.ccls.)		
-	93	((((detect\$3 or identify\$4 or identification or	USPAT;	2004/04/30
		identified) near5 (event or (break\$3 or	US-PGPUB;	15:40
	i	broken or fail or failed or failing or failure or	EPO; JPO;	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))) same ((cause or caused		
		or causing) near5 (failure or failed or fail or		
		break or broken or fault or event))) and		
		((network near3 (manag\$5 or monitor\$4)) or		
•		709/224.ccls.)) and topology		
•	50	(((((detect\$3 or identify\$4 or identification	USPAT;	2004/04/30
		or identified) near5 (event or (break\$3 or	US-PGPUB;	16:09
		broken or fail or failed or failing or failure or	EPO; JPO;	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))) same ((cause or caused		
		or causing) near5 (failure or failed or fail or		
		break or broken or fault or event))) and		
		((network near3 (manag\$5 or monitor\$4)) or		
		709/224.ccls.)) and topology) and		
		(@ad<20001017 or @prad<20001017)		

	40	WWW.dataste2 ar identified ar identification	HEDAT.	2004/04/30
-	48	((((((detect\$3 or identify\$4 or identification	USPAT;	1
		or identified) near5 (event or (break\$3 or	US-PGPUB;	16:07
		broken or fail or failed or failing or failure or	EPO; JPO;	
		inaccessible or unavailable) with (node or	IBM_TDB	
		element or device))) same ((cause or caused		
		or causing) near5 (failure or failed or fail or		
		break or broken or fault or event))) and		
		((network near3 (manag\$5 or monitor\$4)) or		
		709/224.ccis.)) and topology) and		
		(@ad<20001017 or @prad<20001017)) not		
		(((((network near3 (manag\$5 or monitor\$4))		
		and ((detect\$3 or identify\$4 or identification		
		or identified) near5 event) and topology) and		
		((break\$3 or broken or fail or failed or failing		
•		or failure or inaccessible or unavailable)		
		with (node or element or device))) and		
		1		
		(((fewest or shortest or closest or nearest or		
		smallest) near5 (path or route or node or		
		link or element or device)) or (hop adj		
		count))) and (@ad<20001017 or		
		@prad<20001017))		
-	639	point near3 failure with network	USPAT;	2004/04/30
			US-PGPUB;	16:07
			EPO; JPO;	
			IBM_TDB	
-	303	(point near3 failure with network) and	USPAT;	2004/04/30
		topology	US-PGPUB;	16:08
			EPO; JPO;	
			IBM_TDB	
-	252	((point near3 failure with network) and	USPAT;	2004/04/30
		topology) and (event or ping)	US-PGPUB;	16:09
		topology, and (overtor ping)	EPO; JPO;	
			IBM_TDB	
_	198	(((point near3 failure with network) and	USPAT;	2004/04/30
-	130	_ · · · · ·	•	
		topology) and (event or ping)) and	US-PGPUB;	16:09
		((709/223,224).ccls. or network near4	EPO; JPO;	
		(manag\$5 or monitor\$3))	IBM_TDB	0004/04/00
-	85	((((point near3 failure with network) and	USPAT;	2004/04/30
		topology) and (event or ping)) and	US-PGPUB;	16:12
		((709/223,224).ccls. or network near4	EPO; JPO;	
		(manag\$5 or monitor\$3))) and	IBM_TDB	
		(@ad<20001017 or @prad<20001017)		
-	71	(((point near3 failure with network) and	USPAT;	2004/04/30
		topology) and (event or ping)) and (point	US-PGPUB;	16:11
		near3 failure with network) same (event or	EPO; JPO;	
		topology or ping)	IBM_TDB	
-	39	((((point near3 failure with network) and	USPAT;	2004/04/30
		topology) and (event or ping)) and (point	US-PGPUB;	17:23
		near3 failure with network) same (event or	EPO; JPO;	
		topology or ping)) and (@ad<20001017 or	IBM_TDB	
		@prad<20001017)	1 00	
	1	@piau →2000 10 17)		

	36	(((((point near3 failure with network) and	USPAT;	2004/04/30
		topology) and (event or ping)) and (point	US-PGPUB;	16:13
		near3 failure with network) same (event or	EPO; JPO;	
		topology or ping)) and (@ad<20001017 or	IBM_TDB	
			IDM_IDB	
		@prad<20001017)) not ((((((detect\$3 or		
		identify\$4 or identification or identified)		
		near5 (event or (break\$3 or broken or fail or		
		failed or failing or failure or inaccessible or	İ	
		unavailable) with (node or element or		
		device))) same ((cause or caused or		
		causing) near5 (failure or failed or fail or		
		break or broken or fault or event))) and		
		((network near3 (manag\$5 or monitor\$4)) or		
		709/224.ccls.)) and topology) and		
		1		
		(@ad<20001017 or @prad<20001017)) not		
		(((((network near3 (manag\$5 or monitor\$4))		
		and ((detect\$3 or identify\$4 or identification		
		or identified) near5 event) and topology) and		
		((break\$3 or broken or fail or failed or failing		
		or failure or inaccessible or unavailable)		
		with (node or element or device))) and		
İ		(((fewest or shortest or closest or nearest or		
	İ	smallest) near5 (path or route or node or		
		link or element or device)) or (hop adj		
		count))) and (@ad<20001017 or		
,		@prad<20001017))) not (((((network near3		
		(manag\$5 or monitor\$4)) and ((detect\$3 or		
		identify\$4 or identification or identified)		
		near5 event) and topology) and ((break\$3 or		
		broken or fail or failed or failing or failure or		
		inaccessible or unavailable) with (node or		
		element or device))) and (((fewest or		•
		shortest or closest or nearest or smallest)		
		near5 (path or route or node or link or		
		element or device)) or (hop adj count))) and		
		(@ad<20001017 or @prad<20001017))		
-	5	"6061723"	USPAT;	2004/04/30
			US-PGPUB;	17:22
	!		EPO; JPO;	
			IBM_TDB	
-	10	("5027269" "5027342" "5185860"	USPAT	2004/04/30
1		"5276789" "5511108" "5533093"		17:19
1		"5751965" "5805578" "5848243"		
		"5872911").PN.		
l _	143	trunk near4 fail\$3 same network	USPAT;	2004/04/30
*	1-3	www.near-rangs same network	i ,	
			US-PGPUB;	17:22
			EPO; JPO;	
			IBM_TDB	
-	45	(trunk near4 fail\$3 same network) and	USPAT;	2004/04/30
		topology	US-PGPUB;	17:22
			EPO; JPO;	
			IBM_TDB	

-	36	((trunk near4 fail\$3 same network) and	USPAT;	2004/04/30
		topology) and (@ad<20001017 or	US-PGPUB;	17:23
		@prad<20001017)	EPO; JPO;	
			IBM_TDB	

	L#	Hits	Search Text	DBs
1	L35	95	(causing or cause or caused or causal or causation) near5 event same (trunk or bottleneck or point near3 failure)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
2	L36	63	35 and network	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
3	L37	19	36 and (709/\$.ccls. or 370/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
4	L38	1765	network.ti,ab. and topology.ti,ab.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
5	L39	5996	(fail or failure or failed or failing or break or broken) with downstream	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
6	L40	46	38 and 39	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
7	L41	11	40 and (fewest or shortest or closest or nearest or smallest) near5 (path or route or node or link or element or device)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
8	L42	14	40 and ((fewest or shortest or closest or nearest or smallest or distance) near5 (path or route or node or link or element or device) or hop adj count)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
9	L43	2948	((number or amount or "how many") near5 (node or element or link or device) or closest or nearest or (shortest or fastest) near3 (route or path or distance)) near5 (manager or management or managing or administrator) near4 (node or element or device or link)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB

	L#	Hits	Search Text	DBs
10	L44	28	((number or amount or "how many") near5 (node or element or link or device) or closest or nearest or (shortest or fastest) near3 (route or path or distance)) near5 (manager or management or managing or administrator) near4 (node or element or device or link) near3 (fail or failed or failure or failing or break or broken)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
11	L45	237	((number or amount or "how many") near5 (node or element or link or device) or closest or nearest or (shortest or fastest) near3 (route or path or distance)) near5 (manager or management or managing or administrator) with between with (node or element or device or link)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
12	L46	11909 9	(causing or cause or caused or causal or causation or source) near5 (event or bottleneck or fail\$3)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
13	L47	17	45 and 46	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
14	L48	2	44 and 47	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
15	L49	34	(44 or 47) and (@ad<20001017 or @prad<20001017)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
16	L 50	0	(detect* or determin*) near5 (root or trunk or cause or source or point near2 failure) and network and topology	USPAT; US-PGPUB; EPO; JPO; IBM_TDB

	L#	Hits	Search Text	DBs
17	L51	6828	(detect\$4 or determin\$5 or identif\$7) near5 (root or trunk or cause or source or point near2 failure) and network and topology	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
18	L52	2638	(detect\$4 or determin\$5 or identif\$7) near5 (root or trunk or cause or source or point near2 failure) same network and topology	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
19	L53	76024 9	((number or amount or "how many") near5 (node or element or link or device) or closest or nearest or (shortest or fastest) near3 (route or path or distance))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
20	L54	58867 8	((number or amount or "how many" or closest or nearest) near5 (node or element or link or device) or (shortest or fastest) near3 (route or path or distance))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
21	L55	1936	52 and 54	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
22	L56	1447	55 and (manager or management)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
23	L57	14570	((number or amount or "how many" or closest or nearest) near5 (node or element or link or device) or (shortest or fastest) near3 (route or path or distance)) with (manager or management or monitor\$3 or managing)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
24	L58	241	52 and 57	USPAT; US-PGPUB; EPO; JPO; IBM_TDB

	L#	Hits	Search Text	DBs
25	L59	80	58 and (manag\$ or monitor\$ or topology or fail\$3 or fault or caus\$5 or event).ti.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB
26	L61	43	59 and (@ad<20001017 or @prad<20001017)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB